(a) a separation unit having a microchannel, in which the analyte can be driven to pass through the microchannel due to the molecular characteristics thereof and wherein the time for the analyte to pass through the microchannel is indicative of the molecular characteristics of the analyte; and

(b) a reservoir unit having one or more reservoirs having dimensions compatible with the separation unit operatively and modularly coupled to the separation unit to supply liquid reagents and analyte thereto upon application of a driving force resulting from simultaneous operative and modular coupling, the reservoirs having prepackaged liquid reagents therein before the reservoir unit is coupled with the separation unit.

25. (Twice Amended) A kit for making a microchannel apparatus for analysis of an analyte, comprising:

(a) a separation unit having a microchannel, in which the analyte can be driven to pass through the microchannel due to the molecular characteristics thereof and wherein the time for the analyte to pass through the microchannel is indicative of the molecular characteristics of the analyte; and

(b) a reservoir unit having one or more reservoirs having dimensions compatible with the separation unit for coupling operatively and modularly to the separation unit to supply liquid reagents and analyte thereto upon application of a driving force resulting from simultaneous operative and modular coupling, the reservoirs having prepackaged liquid reagents therein.

## REMARKS

**INTRODUCTORY COMMENTS:**

In a previous Office Action, the claims were subjected to a restriction requirement under 35 U.S.C. §121. The claims were classified in four groups:

Group I: drawn to a modular microchannel apparatus (claims 1-12 and 25);

Group II: drawn to a modular microchannel apparatus (claim 13);

Group III: drawn to a method of making a modular microchannel apparatus (claims 14-21); and